

	<b>Document ID</b>	<b>Issue Date</b>	<b>Pages</b>	<b>Title</b>	<b>Current OR</b>
1	US 20070014377 A1	20070118	21	Data communication with embedded pilot information for timely channel estimation	375/267
2	US 20060233281 A1	20061019	17	Method and/or system for space-time encoding and/or decoding	375/299
3	US 20060203894 A1	20060914	28	Method and device for impulse response measurement	375/148
4	US 20060203777 A1	20060914	11	Apparatus and method for allocating user in a multiple antenna mobile communication system supporting multi-user diversity	370/334
5	US 20060153319 A1	20060713	12	Receiver hardware reduction for spatially independent signals and associated methods	375/347
6	US 20060109926 A1	20060525	18	Method and apparatus for transmitting data in a time division duplexed (TDD) communication system	375/260
7	US 20060078066 A1	20060413	32	Apparatus and method for minimizing a PAPR in an OFDM communication system	375/299
8	US 20060045200 A1	20060302	31	Signal receiving method in MIMO system and device therefor	375/267
9	US 20060018403 A1	20060126	13	Optimized high rate space-time codes for wireless communication	375/299
10	US 20050249111 A1	20051110	14	Method and apparatus for detecting STBC-OFDM signals in time-variant channels	370/210
11	US 20050180360 A1	20050818	55	Preamble formats for MIMO wireless communications	370/334
12	US 20050105657 A1	20050519	52	Coherent track for FM IBOC receiver using a switch diversity antenna system	375/347
13	US 20050105632 A1	20050519	30	System and method for channel bonding in multiple antenna communication systems	375/267
14	US 20040252796 A1	20041216	15	STTD encoding for PCCPCH	375/347
15	US 20040184570 A1	20040923	11	Method and apparatus for reducing interference within a communication system	375/346
16	US 20040161060 A1	20040819	14	Communication station having an improved antenna system	375/343
17	US 20030185319 A1	20031002	23	Modified branch metrics for processing soft decisions to account for phase noise impact on cluster variance	375/347
18	US 20030063695 A1	20030403	22	Adaptive multi-channel, multi-function	375/347

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	<b>Document ID</b>	<b>Issue Date</b>	<b>Pages</b>	<b>Title</b>	<b>Current OR</b>
19	US 20030031276 A1	20030213	9	Decoder, and an associated method, for decoding space-time encoded data	375/340
20	US 20030031234 A1	20030213	38	System and method for received signal prediction in wireless communications systems	375/147
21	US 20030021351 A1	20030130	17	System and method for circulant transmit diversity	375/267
22	US 20020150182 A1	20021017	17	Spatial processing and timing estimation using a training sequence in a radio communications system	375/343
23	US 20010031019 A1	20011018	8	Multiple transmit antenna differential detection from generalized orthogonal designs	375/267
24	US 7177365 B2	20070213	30	Space-time trellis code for orthogonal frequency division multiplexing (OFDM)	375/267
25	US 7154970 B1	20061226	6	Differential transmitter diversity technique for wireless communications	375/347
26	US 7120200 B2	20061010	9	Transmitter diversity technique for wireless communications	375/267
27	US 7110480 B1	20060919	22	Adaptive array apparatus	375/347
28	US 7103325 B1	20060905	16	Adaptive modulation and coding	455/101
29	US 7099413 B2	20060829	27	Method for near optimal joint channel estimation and data detection for COFDM systems	375/347
30	US 7095791 B2	20060822	10	OFDM interference cancellation based on training symbol interference	375/260
31	US 7072613 B2	20060704	40	Wireless communication medium processing apparatus and wireless communication medium processing system	455/13.3
32	US 7062001 B2	20060613	22	Adaptive multi-channel, multi-function	375/347
33	US 7061969 B2	20060613	145	Vertical adaptive antenna array for a discrete multitone spread spectrum communication system	375/147
34	US 7010029 B1	20060307	7	Equalization of transmit diversity space-time coded signals	375/229
35	US 6934323 B2	20050823	21	Adaptive array antenna-based CDMA receiver that can find the weight vectors with a reduced amount of calculations	375/152
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	<b>Document ID</b>	<b>Issue Date</b>	<b>Pages</b>	<b>Title</b>	<b>Current OR</b>
37	US 6888899 B2	20050503	49	Spatio-temporal processing for communication	375/299
38	US 6876693 B2	20050405	8	Method for processing signal in communications system having plurality antennas	375/144
39	US 6873651 B2	20050329	21	System and method for joint maximal ratio combining using time-domain signal processing	375/219
40	US 6853629 B2	20050208	35	Method for frequency division duplex communications	370/330
41	US 6834043 B1	20041221	26	Method and device for exploiting transmit diversity in time varying wireless communication systems	370/310
42	US 6826240 B1	20041130	29	Method and device for multi-user channel estimation	375/340
43	US 6801589 B1	20041005	20	Relative timing acquisition for a radio communications system	375/343
44	US 6785520 B2	20040831	24	System and method for antenna diversity using equal power joint maximal ratio combining	455/101
45	US 6782039 B2	20040824	146	Vertical adaptive antenna array for a discrete multitone spread spectrum communications system	375/147
46	US 6775329 B2	20040810	11	Transmitter diversity technique for wireless communications	375/267
47	US 6741635 B2	20040525	8	Near-optimal low-complexity decoding of space-time codes for fixed wireless applications	375/144
48	US 6724828 B1	20040420	9	Mobile switching between STTD and non-diversity mode	375/267
49	US 6693982 B1	20040217	12	Minimum mean squared error approach to interference cancellation and maximum likelihood decoding of space-time block codes	375/341
50	US 6680699 B2	20040120	17	Signal reception method and device	342/378
51	US 6650714 B2	20031118	16	Spatial processing and timing estimation using a training sequence in a radio communications system	375/343
52	US 6603806 B2	20030805	22	Method and apparatus for high data rate wireless communications over wavefield spaces	375/219

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	<b>Document ID</b>	<b>Issue Date</b>	<b>Pages</b>	<b>Title</b>	<b>Current OR</b>
53	US 6584144 B2	20030624	143	Vertical adaptive antenna array for a discrete multitone spread spectrum communications system	375/147
54	US 6580701 B1	20030617	13	Interpretation of a received signal	370/334
55	US 6456675 B2	20020924	18	Diversity reception employing periodic testing	375/347
56	US 6335954 B1	20020101	24	Method and apparatus for joint synchronization of multiple receive channels	375/354
57	US 6330294 B1	20011211	12	Method of and apparatus for digital radio signal reception	375/347
58	US 6320919 B1	20011120	21	Adaptive channel characterization using decoded symbols	375/347
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61	US 6084928 A	20000704	12	Radio environment analysis apparatus	375/347
62	US 5930243 A	19990727	20	Method and apparatus for estimating parameters of a communication system using antenna arrays and spatial processing	370/334
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64	US 5832389 A	19981103	25	Wideband digitization systems and methods for cellular radiotelephones	455/562.1
65	US 5787131 A	19980728	7	Method and apparatus for mitigation of self interference using array processing	375/347
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67	US 5550872 A	19960827	16	Method and apparatus for Fast Fourier Transform based maximal ratio combining	375/347
68	US 5528581 A	19960618	10	Diversity transmission system for sub-band diversity reception	370/203
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	Document ID	Issue Date	Pages	Title	Current OR
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